69. On page 21, actual line 3 of the specification, before the word "cell" please insert the words --base station repeater--.

70. On page 21, actual line 6 of the specification, before the word "cell" please insert the words --base station repeater--.

71. On page 22, actual line 9 of the specification, before the word "remote" please insert the word --local--.

IN THE CLAIMS:

Please Cancel Claims 16, 17-20, 28, 29-33 without prejudice.

Please insert the following changes:

~~1. (Amended)~~ A base station ~~configuration in a two-way communication~~ interactive video network having a network hub switching center for routing communications from and to a plurality of subscriber units at various geographic locations served by a base station that processes digital data modulated on an r-f carrier and transmitted from a plurality of subscriber units dispersed over a predetermined base station geographic area by presenting multiplexed digital data synchronously related to the base station broadcast signal for communication from identified individual subscriber units within designated geographic service areas, comprising in combination,

base station data processing and transmission facilities for transmitting to a set of local subscriber units and receiving from a subset of those local subscriber units multiplexed synchronously related digital data messages of variable lengths for point-to-point communication between individual subscribers with remotely located reception stations,

base station reception means for receiving and processing data messages ~~from the set of local subscriber units at that base station comprising a set of cell~~

~~subdivision sites partitioned from said base station geographic area and dispersed~~ over the base station geographic area, each cell subdivision site being adapted for receiving-only low power digital messages transmitted from local subscriber units within range of the partitioned cell site areas, and

a set of local subscriber transceiver units including low power mobile units located within the base station geographic area each adapted to communicate with said base station by way of digital data signals of variable lengths synchronously related [to said television broadcast signal] and timed for said ~~multiplexed message transmission.~~

Please add the following new claims:

16 ~~35~~. (New) A point-to-point interactive video network system having a central switching station, a plurality of base stations, a satellite station, and a set of subscriber units located in the vicinity of each base unit, comprising in combination, means for providing for two-way digital communications between two different subscriber units by a serial communication path extending through a base station, the satellite, the central station, the satellite and back to a base station, wherein at least some of said base stations serve a set of subscriber units dispersed over a predetermined geographic area and comprise communication means between the subscriber units with the base station including a set of stationary receive only terminals remote from the base station coupled by a communication link with the base station for conveying transmitted messages from subscriber units in a subdivided portion of said geographic area in the vicinity of the receive only terminals to the base station, subscriber transmitter units for transmitting digital amplitude modulated pulses at a peak power in the milliwatt range, and data processing means at the base station for assembling and re-transmitting digital subscriber messages from the subscriber units via the

satellite to the central station, said subscriber units transmitting on a plurality of frequency bands.

17 ~~36.~~ (New) A point-to-point interactive video network system having a central switching station, a plurality of base stations, a satellite station, and a set of subscriber units located in the vicinity of each base unit, comprising in combination, means for providing for two-way digital communications between two different subscriber units by a serial communication path extending through a base station, the satellite, the central station, the satellite and back to a base station, wherein at least some of said base stations serve a set of subscriber units dispersed over a predetermined geographic area and comprise communication means between the subscriber units with the base station including a set of stationary receive only terminals remote from the base station coupled by a communication link with the base station for conveying transmitted messages from subscriber units in a subdivided portion of said geographic area in the vicinity of the receive only terminals to the base station, subscriber transmitter units for transmitting digital amplitude modulated pulses at a peak power in the milliwatt range, and data processing means at the base station for assembling and re-transmitting digital subscriber messages from the subscriber units via the satellite to the central station, said subscriber units being portable, said base station including means to receive messages from said subscriber units through a single one of said receive only terminals.

18 ~~37.~~ (New) A point-to-point interactive video network system having a central switching station, a plurality of base stations, a satellite station, and a set of subscriber units located in the vicinity of each base unit, comprising in combination, means for providing for two-way digital communications between

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two different subscriber units by a serial communication path extending through a base station, the satellite, the central station, the satellite and back to a base station, wherein at least some of said base stations serve a set of subscriber units dispersed over a predetermined geographic area and comprise communication means between the subscriber units with the base station including a set of stationary receive only terminals remote from the base station coupled by a communication link with the base station for conveying transmitted messages from subscriber units in a subdivided portion of said geographic area in the vicinity of the receive only terminals to the base station, subscriber transmitter units for transmitting digital amplitude modulated pulses at a peak power in the milliwatt range, and data processing means at the base station for assembling and re-transmitting digital subscriber messages from the subscriber units via the satellite to the central station, each-of the receive only terminals receiving signals in a different frequency band, and the subscriber units having means for selecting a transmission carrier frequency in a plurality of the frequency bands.

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~~38.~~ (New) An interactive video data system comprising:

subscribers with portable subscriber units and facilities for communicating from the subscriber units when moved through different geographic zones, and

a set of subscriber units limited to digital processing facilities comprising digital transducers and means for transmitting digital data derived by said transducers.

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~~39.~~ (New) An interactive video data system comprising:

subscribers with portable subscriber units and facilities for communicating from the subscriber units when moved through different geographic zones,